Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Monday 02 Jan 2023 until 23:59 on Tuesday 03 Jan 2023

Forecast Issued on Monday 02 Jan 2023 at 04:06

Confidence: High becoming Medium in details from Wednesday.

Headline for Monday 02 Jan 2023: Mainly dry and bright, but chilly.

Mountain weather hazards on Monday 02 Jan 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Sunny intervals	Sunny	Sunny intervals	Partly cloudy (night)	Partly cloudy (night)
Precipitation probability					
40%	20%	00%	00%	00%	00%

Forecast for Monday 02 Jan 2023

Weather: Largely cloudy at first with scattered showers, these possibly wintry over the hill tops. Then mainly dry and bright during daylight hours, the early showers soon dying out as sunny spells develop. Dry with clear periods this evening, with temperatures quickly falling, perhaps leading to mist and freezing fog forming in the valleys.

Chance of cloud-free hill tops above 600m: 30% at first soon becoming 90%.

Low cloud and visibility: Occasional cloud at first this morning above 500m, especially across western areas, otherwise nil significant. Visibility mainly very good with distant hills clearly visible, but poor or very poor in showers and summit cloud.

Check our weather forecast every day to get the most accurate and up to date information
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Mountain Weather Forecast

Forecast for Monday 02 Jan 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	18/22 W	14/18 W	15/19 W	14/18 W	12/16 SW	15/20 SW	18/26 S
300	12/17 W	9/12 SW	10/13 W	8/13 SW	8/13 S	10/16 S	12/20 S
Valley	8/16 W	4/13 W	6/10 W	5/12 W	4/13 S	5/15 S	6/18 SE

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	2/-4	-0/-6	0/-5	1/-4	0/-4	1/-5	1/-5
300	4/-0	2/-2	3/-1	4/0	3/-0	3/-1	3/-2
Valley	4/1	2/0	4/1	4/2	2/0	1/-1	1/-2
Freezing Level*	700m	500m	500m	700m	600m	600m	500m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Despite the sunshine today there will be a noticeable windchill.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Mon 02 Jan 2023	11.6mm	35.4mm	39.4mm

Forecast for Tuesday 03 Jan 2023

Weather: Dry start but quickly becoming cloudy and windy, with outbreaks of rain arriving by the end of the night, these often heavy. The majority of the rain moves away east through the morning, although outbreaks of mainly light rain may persist across western areas. Later in the afternoon further rain arrives, becoming heavy and persistent, accompanied by gales at height.

Maximum wind: Southwest 30 to 35mph, gusting 50-55mph late in the day.

Chance of cloud-free hill tops above 600m: Generally 20% but likely to improve 60% around the middle of the day, especially across eastern areas.

Low cloud and visibility: Extensive cloud soon arriving, base 600m, lowering 300m or less at times. A temporary improvement to the cloud lifting above the tops is likely around the middle of the day. Visibility moderate or poor in rain, and very poor at times at height. A general improvement in visibility possible for a time around the middle of the day.

Temperature: **Valleys:** Zero Celsius rising to 10 Celsius
At 600m: Around Zero Celsius soon rising Plus 8 Celsius
Freezing level: 500m soon rising above the tops.

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